

telnet callsign.cs.buffalo.edu 2000

telnet ns.risc.net login: hamradio (BuckMaster and Buffalo Callbooks)

73 & DX de XE1RGL.

Date: 18 Jan 94 23:48:53 GMT
From: news-mail-gateway@ucsd.edu
Subject: Boatanchors "forum"
To: info-hams@ucsd.edu

Interested in what other people have for "boatanchors"? Been looking for a type 80 tube to go in your 1927 Oceananic receiver? This and lots more. Check out the boatanchors "forum" on internet e-mail.

Subscribe to: boatanchors@gnu.ai.mit.edu

Date: 18 Jan 94 20:33:54 GMT
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hp.com
Subject: Dipole Antenna
To: info-hams@ucsd.edu

Cecil Moore (kg7bk@indirect.com) wrote:

: Alan Bloom (alanb@sr.hp.com) wrote:
: : However, after you run through a few feet of twinlead/ladder line,
: : the impedance will no longer be so high anyway, so I don't think
: : it's much of a consideration. AL N1AL

: Al, if the impedance were 50 ohms at the antenna fed with 450 ohm
: ladder-line, the impedance would go straight up to a maximum of 4000
: ohms a quarter-wavelength down the transmission line from the antenna.
: I think you know better than what you said above.

No, I meant what I said. The questioner was talking about a 260-foot center-fed antenna on 80 meters, which has a very high feedpoint impedance. The longer the feedline (up to a quarter wave), the lower the impedance at the other end.

However you bring up a good point. What matters is not the magnitude of the feedpoint impedance, but the SWR. For example, with 450 ohm feedline, a feedpoint impedance of 4500 ohms results in a 10:1 SWR. But if your transmission line is long enough (over 1/2 wave), ANY impedance that

gives 10:1 SWR will result in a 4500 ohm impedance somewhere along the feedline. For example, if the antenna is 45 ohms, you will get 4500 ohms 1/4 wavelength from the feedpoint.

If your antenna tuner "likes" low impedances (less than the feedline impedance), then you do well to choose an antenna length and feedline length that result in a low impedance AT THE TRANSMITTER end of the feedline. That may require either a high or low impedance at the antenna.

Antenna tuners like the Johnson Matchbox, however, like high impedances. A good antenna for a Matchbox is a dipole that is 1/2-wave long at the lowest band in use, with 1/4-wave balanced feedline. For example, a 135-foot center-fed dipole fed with 60 feet of ladder line. This presents a high feedpoint impedance on 80, 40, 20, 15 and 10 meters.

AL N1AL

Date: Mon, 17 Jan 1994 02:46:46 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!
bloom-beacon.mit.edu!mcrcim.mcgill.edu!sifon!CC.UMontreal.CA!fn@network.ucsd.edu
Subject: FY5FY ?
To: info-hams@ucsd.edu

In article <BAT.94Jan15213336@gdstech.grumman.com>,
Pat Masterson <bat@gdstech.GRUMMAN.COM> wrote:
>FY5FY is via Didier Bironneau, BP 166 Koutou 97310,
> French Guyana.
>--
Just to correct a typo, it's
BP 166
97310 Kourou
 ^
|- r not t.

In France (and overseas departments), put the postal code BEFORE the city name.

>*-----*
>* Pat Masterson D12-25 | KE2LJ@KC2FD *
>* Grumman Data Systems | 516-346-6316. *
>* Bethpage, NY 11746 | bat@gdstech.grumman.com *

--
Francois Normant | Internet: fn@mathappl.polymtl.ca
Ecole Polytechnique - Mathematiques | Compu\$erve: 75210,525

C.P. 6079 - succursale centre ville | Tel. (514) 340-5968
Montreal - Quebec - Canada - H3C 3A7 | Fax. (514) 340-4463

Date: Mon, 17 Jan 1994 03:07:17 GMT
From: netcomsv!netcom.com!wylz@decwrl.dec.com
Subject: help with kenwood 215A HT
To: info-hams@ucsd.edu

In article <2hcl3n\$3l@charm.magnus.acs.ohio-state.edu> nyarian@magnus.acs.ohio-state.edu (Nathan Yerian) writes:

> I am a recently licensed technician class amateur who is looking at buying
>a HT. I know someone who is upgrading and is willing to sell me their old
>Kenwood 215A HT for a song. Here's the problem. The seller has informed me that
>the radio has an out-of-band mod done to it. I would really prefer not to have
>this on my first radio for fear of accidentally transmitting out of band. I
>called a radio shop about fixing it, but they wanted \$60 which is a little out
>of my budget if I buy the radio. Is this mod simple to do? I do have some
>electronics experience and could probably handle it if it wasn't too complex.
>Does anyone have any information that might help me? This posting for a radio
>demod probably seems unusual, but I sincerely want to get into amateur radio
>playing by the rules. Any help would be greatly appreciated. Thanks.

>--

>*****
>| nyarian@magnus.acs.ohio-state.edu | This .sig recommended for |
>| yeriann@er4.eng.ohio-state.edu | ages 8 & up. |
>*****

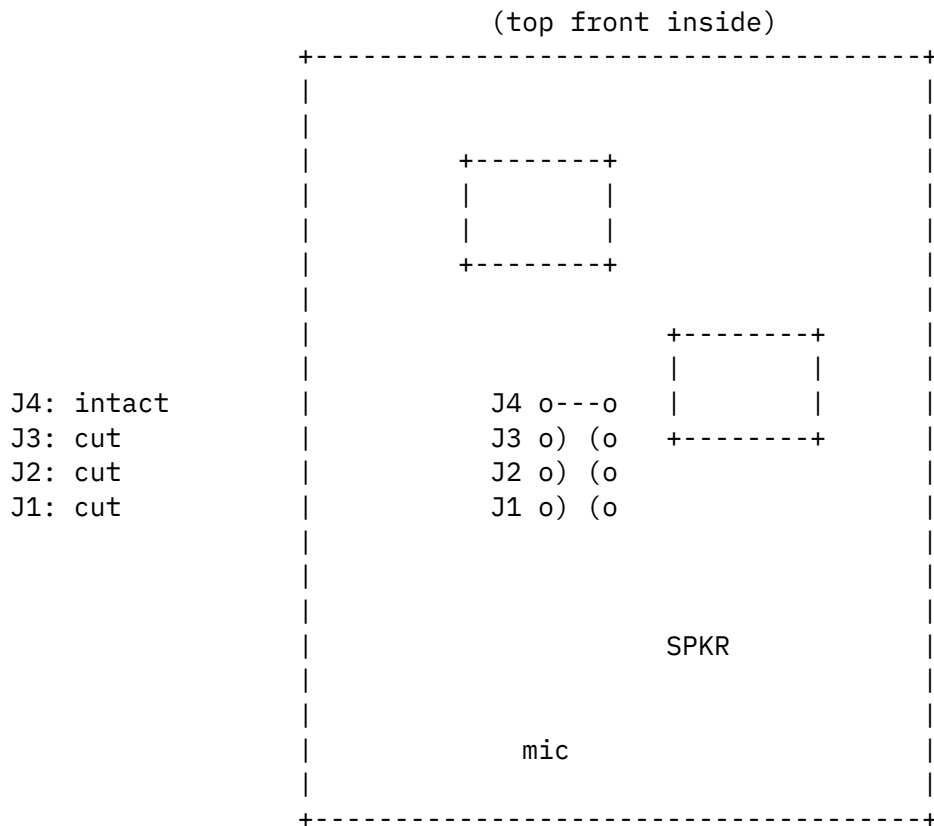
Below is the mod info on the th215 which I grabbed from world.std.com,
in the directory: pub/hamradio/mods/kenwood, file: th215.mod

Hope it helps.

Date: 2 May 88 15:22:00 GMT
Posted by: silver!commgrp@iuvax.cs.indiana.edu
Subject: Kenwood TH-215A modification

KENWOOD TH-215A handheld transceiver out-of-band modification:

1. Remove two screws from belt clip
2. Remove 4 screws from back of radio
3. Slide front assembly off
4. Locate set of 4 jumpers:



5. Reassemble radio.
6. Reset microprocessor: Turn radio on while simultaneously pressing both `_F_` key and `_ENTER_` key.

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DISCLAIMER: I do not own a TH-215A and have not verified the above information. Hopefully, the modified frequency range includes 162 MHz weather-broadcast freqs. Remember, it is ILLEGAL to transmit outside the ham band with non-FCC-type-accepted equipment, even if you are licensed to use such frequencies.

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```
=====
| Scott Ehrlich      Internet: wy1z@neu.edu    BITNET: wy1z@NUHUB  |
| Amateur Radio: wy1z      AX.25: wy1z@k1lugm.ma.usa.na          |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com  pub/hamradio                        |
|-----|
```

Date: Mon, 17 Jan 1994 19:29:41 GMT
From: netcomsv!netcom.com!wy1z@decwrl.dec.com
Subject: help with kenwood 215A HT
To: info-hams@ucsd.edu

In article <9401170637591.gilbaronw0mn.DLITE@delphi.com> gilbaronw0mn@delphi.com
(Gilbert Baron) writes:

>>of my budget if I buy the radio. Is this mod simple to do? I do have some
>>electronics experience and could probably handle it if it was'nt too
>
>Most fo these mods are very simple. One solder point or diode but physically
>they can be very difficult. The boards are small and hard to get to and the
>people are ripping you off. I woudl buy only a radio that can be reset from
>the keyboard if you are interested in this and don't want to pay. Yaesu is
>very mnisleading in ads. They say they can cover aircraft but don't say you
>have to pay a rip off artist 100 + at a ham show or radio store to get themn
>to do it. I did mine and I was shaking all of the time. It is TINY.
>
> Gil Baron, El Baron Rojo, WOMN Rochester,MN
> "Bailar es Vivir"
> PGP2.3 key at key servers or upon request
>

Mods for the 215 are available from the World:
world.std.com, pub/hamradio/mods/kenwood

Scott

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```
=====
| Scott Ehrlich           Internet: wy1z@neu.edu      BITNET: wy1z@NUHUB   |
| Amateur Radio: wy1z      AX.25: wy1z@k1ugm.ma.usa.na |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
=====
```

Date: Mon, 17 Jan 1994 03:28:38 GMT
From: netcomsv!netcom.com!wy1z@decwrl.dec.com
Subject: mods for DJ-560????
To: info-hams@ucsd.edu

In article <2ggirvINN3dp@uwm.edu> pachner@csd4.csd.uwm.edu (Thomas Jay Pachner) writes:

>are there any mods for the dj-560 Ht? (like aircraft mods)

>

>thanks

>

>--

>Thomas Jay Pachner ==- Music Major, Bassist, Gamer, and Amateur Operator

>University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu

>BARNEY MUST DIE!!!!!!!!!!!!

>Amateur Call Sign: N9UUJ

Feel free to check the mods section of the hamradio FTP area on World:
world.std.com, pub/hamradio/mods/alinco

If you have any troubles, please e-mail me.

73,
Scott

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```
=====
| Scott Ehrlich           Internet: wylz@neu.edu      BITNET: wylz@NUHUB   |
| Amateur Radio: wylz      AX.25: wylz@k1ugm.ma.usa.na |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
|-----|
=====
```

Date: Tue, 18 Jan 1994 17:03:45 GMT

From: math.ohio-state.edu!howland.reston.ans.net!europa.eng.gtefsd.com!

news.umbc.edu!eff!news.kei.com!yeshua.marcam.com!charnel!olivea!sgigate.sgi.com!

odin!chuck.dallas.sgi.com!@sdd.hp.com

Subject: Morse code "tapes" on CD

To: info-hams@ucsd.edu

In article <CJsoM3.1M1J@austin.ibm.com>, mcinnis@austin.ibm.com (Mickey McInnis) writes:

|>

|> It would be easier for me to study Morse code on CD than on cassette tape. Has
|> anyone seen Morse code practice "tapes" on CD?

|>

|> 73 de KB5YAC

|>

|> --

|> Mickey McInnis - mcinnis@austin.ibm.com (mcinnis@vnet.ibm.com outside IBM)

|> --

I would have thought that the first person to do this would have been our friend Wayne Green, "expert on everything including CD Music".

I generate code up to 100wpm digitally with CD quality on an SGI Indigo and can generate DAT tapes. But I don't want to get into the hassle of doing this for money or fame. :-) This is done at any audio frequency with 2.5ms rise and fall times. It eliminates the 'thump' on make/break.

Because of the channel separation, you can get two hours of code on a single disk/disc (can't remember which is correct here) by putting separate practice on each channel and play back only one channel. Similar to the way audio books are done, but of course noone reads anymore. :-)

--

Chuck Adams, K5FO, CP-60
adams@sgi.com

Date: Sat, 15 Jan 1994 16:06:57 CET
From: Germany.EU.net!netmbx.de!zib-berlin.de!uni-paderborn.de!
urmel.informatik.rwth-aachen.de!gmd.de!dearn!esoc!bttitmars@uunet.uu.net
Subject: Multi-User Dungeons on Packet?
To: info-hams@ucsd.edu

Ok where do you find DX-Cluster software to make into a MUD's package.?

Date: 17 Jan 1994 10:02:49 GMT
From: pacbell.com!well!nigel.msen.com!usenet.ins.cwru.edu!magnus.acs.ohio-
state.edu!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!elendir@ames.arpa
Subject: NEED QSL route for FD1JOE
To: info-hams@ucsd.edu

Francois Normant/16384 (fn@junior.mathtok.polymtl.ca) wrote:
: Carole L. Hamilton <clh6w@faraday.clas.Virginia.EDU> wrote:
: >Need address for FD1JOE. Not in 1994 CB.
: >Tnx, Ned, AB6FI

: You should look for F5JOE. All callsigns FC1XXX are now F1??? while
: FD1??? and FE1??? are F5???. For all FE3??, FE5??, FE8?? and FE9??,
: just remove the letter E.

Hum. I think, that the FD... prefix has been changed into F5, and the FE...

is now F6... Anyway, I am going to check immediatly on the French ham-radio service (3614 AMAT)

: 73 de Francois VE2??? (waiting for the ticket)

Et de Vincent (moi aussi j'attends ma licence... F1???)

--

Date: 18 Jan 94 20:17:44 GMT
From: sdd.hp.com!col.hp.com!srgenprp!alanb@hplabs.hp.com
Subject: Power Lines Cause Cancer? Maybe Not...
To: info-hams@ucsd.edu

Leland Van Koten (LEEVANKOTEN@delphi.com) wrote:

:
: Maybe the problem is that the news media ignore the fact that
: "statistical significance" is generally defined as an observation (in this
: case, the number of cancers) that is sufficiently different from the expected
: level that there is only a 5% chance of it being strictly coincidental.
:
: Of course, that means that there IS a 5% chance that a result that is only
: marginally statisically significant will be due to chance. If you look at
: every possible cause of death in ANY group, you will probably see
: "statistically significant" excesses in one or more causes of death, purely
: by chance. It's only when you tend to see the same thing in multiple studies,
: have eliminated confounding variables, and have some plausible biological
: explanation for the observation, that it makes sense to talk about
: causation. Unfortunately, of course, those concepts don't make for great
: sound bites on the evening news.

Right on. A good example is the famous Milham study of ham radio operators. Dr. Milham looked at something like 25-30 causes of death and found a statistically significant increased death rate in one, as I recall. I did a Monte Carlo analysis, using his death rate data, and assuming a population with average death rates from each cause, and found that you can expect one or two "statistically significant" increased death rates, purely by chance.

Not to mention errors of interpretation and systematic experimental error. For example, even if the reported amateurs' increased death rate for one type of cancer turns out not to be a statistical artifact, it could easily be due to other factors than exposure to RF fields. (For example, exposure to solder flux fumes, chemical degreasers, and other chemicals used by workers in the electronic field.)

AL N1AL

Date: 19 Jan 94 01:04:55 GMT
From: news-mail-gateway@ucsd.edu
Subject: Repeater Interference
To: info-hams@ucsd.edu

Recently Ed posted an article about repeater interference. A repeater in Eau Claire, Wisconsin had a similar problem. He can contact
ken.w.dicks@mail.admin.wisc.edu
who can provide details of the problem and the cure.

Jim
ley@uwstout.edu

Date: Mon, 17 Jan 1994 03:31:28 GMT
From: netcomsv!netcom.com!wy1z@decwrl.dec.com
Subject: Requesting Yaesu FT-530 info
To: info-hams@ucsd.edu

In article <MAIL_QUEUE-101.940106163629.288@freh-01ms.adpc.purdue.edu>
DCFLEEK@freh-01ms.adpc.purdue.EDU (Dan Fleek) writes:

>
>I am looking at dual-band HT's and like the features and feel of
>the Yaesu FT-530. Could someone send me info and their comments on
>the 800MHZ receive mods? I have searched the net for this, but can't
>find it.
>
>Thanks,
>
>Dan Fleek
>dcfleck@adpc.purdue.edu
>Purdue University
>N9PNA
>
>

Check, the mods area in the hamradio FTP area on World:

Site: world.std.com
Directory: pub/hamradio/mods/yaesu

If you have any problems, please e-mail me.

73,
Scott

--

```
=====
| Scott Ehrlich      Internet: wy1z@neu.edu    BITNET: wy1z@NUHUB  |
| Amateur Radio: wy1z      AX.25: wy1z@k1ugm.ma.usa.na      |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
| the World - world.std.com pub/hamradio      |
=====
```

Date: Mon, 17 Jan 1994 03:09:40 GMT
From: netcomsv!netcom.com!wy1z@decwrl.dec.com
Subject: WANTED: CALL SIGN SERVER IN INTERNET
To: info-hams@ucsd.edu

In article <940116.71214.BRUNELLI_PC@delphi.com> BRUNELLI_PC@delphi.com writes:
>I am looking for a call sign server a-la buckmaster
>accessible on line through the internet...
>i thought that there was one in buffalo???
>
>sites and login appreciated
>
>tnx de N1QDQ

The address is: telnet callsign.cs.buffalo.edu 3000

The 3000 at the end of the address bypasses normal login, bringing you directly into the callsign server program.

Instructions are available online.

Hope this helps.

73,
Scott

--

```
=====
| Scott Ehrlich      Internet: wy1z@neu.edu    BITNET: wy1z@NUHUB  |
| Amateur Radio: wy1z      AX.25: wy1z@k1ugm.ma.usa.na      |
|-----|
```

| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |

=====

Date: Tue, 18 Jan 1994 17:09:22 GMT
From: sdd.hp.com!math.ohio-state.edu!darwin.sura.net!fconvx.ncifcrf.gov!
mack@network.ucsd.edu
Subject: Where is ss25.zip?
To: info-hams@ucsd.edu

In article <wylzCJsLx7.KzC@netcom.com> wylz@netcom.com (Scott Ehrlich) writes:
>A friend of mine pointed me to this program, though I'm not sure whether
>or not it is a ham radio related program.

>
>Anyway, Archie searches turned up nothing.

>
>Can anyone help?

>
>Thanks much.

>
>73,
>Scott

>
>
>--

>=====

> Scott Ehrlich	Internet: wylz@neu.edu	BITNET: wylz@NUHUB	
> Amateur Radio: wylz	AX.25: wylz@k1ugm.ma.usa.na		
> -----			
> Maintainer of the Boston Amateur Radio Club hamradio FTP area on			
> the World - world.std.com pub/hamradio			

>=====

It's shareware and I got mine from Stan Staten's BBS (the W3INK board)
at 301-590-9629. Stan is a Stalwart down here maintaining a packet-BBS
pair setup .

Joe NA3T
mack@ncifcrf.gov

Date: 18 Jan 1994 04:49:15 GMT
From: swrinde!emory!europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!

news.nd.edu!mac26@network.ucsd.edu
Subject: WWV Seems to Have a Problem.
To: info-hams@ucsd.edu

In article <CJsoMn.1FI@iat.holonet.net>, bwilkins@iat.holonet.net (Bob Wilkins n6fri) wrote:

>
> : > Those WWV people are not very friendly. I called them up to be helpful.
> : > They were having two problems! On the \$5 dollar Timex I have that I got at
> a
> : > yard sale, I see that WWV is about 5 seconds slow. I also have an S-38
> : > receiver that I payed \$20 for at a swapmeet. And, on that receiver it shows
> : > that WWV is about 10 kc off most of the time, that is when they are not
> : > drifting
> : > a!
> :
> : Yes, I know what you mean. With that "ticking" audio distortion problem,
> : the frequency and time inaccuracies, and the repetitive, bureaucratic style
> : of their voice transmissions (about all I've ever heard is the time--never
> : a single traffic report or ski forecast), one would almost think that this
> : outfit is part of the government.
>
> This is what happens to all stations that reach Number One on the charts.
> Would you beleive WWV has more receivers tuned to it than any other radio
> station.

That is indeed a very interesting fact. I wonder how this was established--did they have a listener call-in show, or poll the typical listeners in the street? A call-in show would be interesting (how about a good debate, hosted by Larry King, as to whether we should say Zulu, Greenwich, or UTC, or challenging some of those solar flux figures). How much of the market does CHU have? That bilingual format is so sexy, but I'm not sure they're as good with leap seconds.

Even with their TOP SIXTY format they do take time out to give
> propagation forecasts once an hour.
>

True. But some musical jingles would make them more interesting. You know, something like "it's more fun than sex, it's the sunspot index."

Charles Hohenstein
N9SQE

End of Info-Hams Digest V94 #52

